

Appendix IV
Implementation Plan for Actions in the FY 2000 Sector Action Plan

Actions		Lead	Milestones
Strategies (What)	Activities (How)		
A(1) Permitting: Work with regions and states to implement sector-based permitting projects	FY 99-A(1)(a) Pollution Prevention in Permitting Program (P4)	Mike Trutna, OAQPS 919-541-5345	1/99: Completion of draft Merck P4 permit with MACT placeholders. 5/28/99: Draft Merck permit released including draft MACT Continuous Emission Monitoring System proposal. 6/28/99: Public Hearing for Draft permit. Fall 99: Final permit released.
	FY 99-A(1)(b) Massachusetts Environmental Results Program (ERP)	Martha Curran Region 1 617-918-1801 Ted Cochin, OPR 202-260-0880	10/98: Final XL Umbrella Project Agreement signed. 12/98: State/EPA meeting to review status of current and future sector regulations and the status of their evaluations. 2/99: Workshop on Performance Measures that included Mass. Dept. of Env. Protection (DEP) and other state and EPA programs. Environmental Business Practice Indicators (EBPIs) was one of the topics discussed. 3/99: The contractor submitted its final report that documented the methodology that DEP will use to evaluate ERP using sector-specific EBPIs. 5/99: Draft sector-specific addendum for dry cleaners submitted by MADEP to EPA. 2/00: EBPI for dry cleaners finalized.

FY 2000 Sector Action Plan
January 17, 2000

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	FY 99-A(1)(c) Sector-Based Permit Reform Projects	Barry Elman, OPR 202-260-2727	Fall 99: Initiate the first of two or more sector-based permit reform projects from among SI candidate sectors, in consultation with relevant EPA programs and regions. 9-mo. from start-up: Complete Sustainable Industry diagnostic analysis with focus on sector-specific barriers to permit reform and validate diagnostic findings. 1 year from start-up: Work with EPA programs and other stakeholders to develop strategic action plans to address priority issues. 18 mo. from start-up: Implement permitting pilots, demonstration projects, and/or other activities to test new sector-wide permit approaches. Develop lessons learned analysis based on process and project experiences.
	FY 2000-A(1)(a) PrintSTEP pilots	Gina Bushong, OECA 202-564-2242	4/99: Grant solicitation publication. 7/99: State grant proposal to EPA. 9/99: Grants announced. Early 2000: Collection of baseline data. 2001: Midpoint data collection. 2002: Final data/recommendations.
	FY 2000-A(1)(b) Pollution Prevention in Permitting Project (Recommendation from the Innovations Task Force Report)	OAR, OPR	12/99: Information management system for flexible permitting under Title V of the CAA. Mid-2000: Sector Permit Model
A(2) Rulemaking: Identify and initiate coordinated rulemakings	FY 2000-A(2)(a) Coordinated Rulemaking	Andy Teplitzky, OPR 202-260-4088 David Nicholas, OSWER 202-260-4512	10/99: Administrator sends out memo requesting workgroup members for each sector 12/99: First meeting of each workgroup to plan for coordination

FY 2000 Sector Action Plan
January 17, 2000

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A(3) Enforcement and Compliance Assurance: Implement sector activities to achieve a higher level of efficiency in enforcement and compliance within priority sectors	FY 99-A(3)(a)OECA National Sector Strategies	Desi Crouther, OECA 202 564-2264 Bob Tolpa, OECA 202 564-2337	Each strategy has its own implementation schedule that remains confidential given the enforcement sensitivity of the strategies.
	FY 2000-A(3)(a) Sector “Graduation”	Bob Tolpa, OECA 202-564-2337	11/99: Begin to consider elements of a “graduation” plan 01/00: Craft outline of plan 02/00: Present preliminary outline of plan to NACEPT committee
	FY 2000-A(3)(b) Compliance Assistance Clearinghouse (Innovations Task Force Report)	Emily Chow, OECA 202-564-7071	10/99: Begin development of clearinghouse. 3/2000: Seek broad stakeholder input on design 9/2000: Clearinghouse of compliance assistance materials will be available for compliance assistance providers and the public.
A(4) Solving Regional Problems: Implement sector-based projects to address regional priority problems	FY 99 A(4)(a) Metal Finishing Strategic Goals Program	Robert Benson, OPR (202) 260-8668	Milestones vary among target areas. Visit www.epa.gov/sustainableindustry or www.strategicgoals.org for more information.
	FY 99-A(4)(b) Region 4 Management, Operation, and Maintenance project with POTWs	Roy Herwig Region 4 404-562-9758	1/99: Region 4 will begin meeting with the POTWs to assure common expectations of the audit. 4/99: Watersheds in the remaining two Region 4 states will be chosen and letters sent to the POTWs. 4 th Quarter FY 99: Round 1 and 2 audit results will be submitted to EPA. 2005: POTWs serving 40% of the Region 4 NPDES population will be implementing proper Management, Operation and Maintenance (MOM)

FY 2000 Sector Action Plan
January 17, 2000

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	FY 99-A(4)(c) Region 9 Agriculture Initiative	Paul Augie Feder Region 9 (415) 744-2010	12/98: First meeting of FQPA Grape Project Advisory Team including leading representatives from industry and environmental groups. Spring 99: Hold workshop with partners to improve performance measures especially the use of California's unique pesticide use reporting system. Spring 2000: Establish a second FQPA partnership with a leading agricultural commodity.
	FY 99-A(4)(d) Region 10 Mining Initiative	Nicholas Ceto, Region 10 (206) 553-1816	1/30/99: Initial state AML meetings in Oregon, Washington, Idaho, and Alaska. 3/99: Follow-up meeting to the Initial State AML meeting with Alaska 5/30/99: Initiation of AML database development in each state. 10/30/99: Working draft AML database available for each state. 12/30/99: Draft list of priority AML sites developed for each state.
	FY 2000 A(4)(a) CBEP and sectors	Andy Teplitzky, OPR 202-260-4088 Gerald Filbin, OPR 202-260-8099	12/99: Select project(s) with focus on U.S.-Canada Binational Toxics Strategy
A(5) Building Partnerships: Partner with private sector to improve environmental performance	FY 99-A(5)(a) Sustainable Industry Program	(a) Robert Benson, OPR (202) 260-8668	All SI milestones are sector-specific. Visit Web site for details on specific projects: www.epa.gov/sustainableindustry .
	FY 99-A(5)(b) Design for the Environment (DfE)	John Sparks, OPPTS (202) 260-1682 Bill Hanson, OPPTS (202) 260-0686	Visit Web site for details: www.epa.gov/dfc .

FY 2000 Sector Action Plan
January 17, 2000

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	FY 2000-A(5)(a) PBT Initiative and sectors	Tom Murray, OPPTS (202) 260-1876 Sam Sasnett, OPPTS (202) 260-8020	11/99-12/99: M2P2 Forum meeting to discuss PBT Sector Approach; clarify combustion-related sector sources. 2/00: PBT sector sources identified as part of FY 2000 PBT Budgetary actions.
	FY 2000-A(5)(b) Environmental Roadmapping Initiative	Andy Teplitzky, OPR 202-260-4088	11/99: Launch Construction and Heavy Equipment Sector participation 12/99 Launch Local Government Sector participation 9/00: Complete first draft of Environmental Roadmap Document for Construction and Heavy Equipment Sector. 12/00: Complete first draft of Environmental Roadmap Document for Local Government Sector 4/01: Publish final version of Environmental Roadmap Document for Construction and Heavy Equipment Sector 7/01: Public final version of Environmental Roadmap Document for Local Government Sector
	FY 2000-A(5)(c) Environmental Management Systems (EMSs) (Innovations Task Force Report)	OPR, OW, OPPTS, OECA, Regions 1 & 9 George Wyeth, OPR 202-260-7726	8/5/99: Form cross-Agency workgroup to develop strategic plan. 10/99: Circulate draft plan for internal comment in all relevant offices, and all regions. 11/99: Obtain external stakeholder comment on draft plan. 12/99: Complete final plan.
	FY 2000-A(5)(d) Voluntary partnership programs and sectors (Innovations Task Force Report)	Partnership Program Coordinating Committee, OPR Rebecca Nachtrieb, OPR, 202-260-7423	3/00: Potential sectors identified 5/00: Process for administering and selecting sectors is prepared and implemented. 5/01: Agreements signed with selected sector representatives.

FY 2000 Sector Action Plan
January 17, 2000

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A(6) Research and Applications of Science: Looking for new pollution prevention and technology solutions	FY 99-A(6)(a) National Metal Finishing Environmental R&D Plan	Dave Ferguson, ORD (513) 569-7518	1/99: Papers presented on the fume suppressant, approaching zero discharge, verification, and risk screening tool projects at the 20 th Annual EPA-AESF Week Conference in Orlando, FL. 2/99: Peer review of SBIR Phase I proposals. 3/99: Second stakeholder meeting for verification project. 9/99: Fume Suppressant project and first Approaching Zero Project complete. 4/00: Complete Metal Finishing Facility Risk Screening Tool Within Next Year (by September 2000); update the Metal Finishing R&D Plan.
	FY 99-A(6)(b) Science to Achieve Results/Environmentally Benign Solvents	Steve Lingle, ORD (202) 564-6821 Barbara Karn, ORD (202) 564-6824	4/99: (1) New solicitation under Technology for a Sustainable Environment (TSE), and (2) First set of research final reports posted 6/99: Highlight research from TSE at the American Chemical Society Green Chemistry and Engineering Conference 7/99: Release report for review that includes information about P2 with examples from TSE. 11/99: Highlight research for TSE at the American Institute of Chemical Engineers meeting. 4/00: Set of research final reports posted on Internet. 8/00: Highlight research from TSE at American Chemical Society meeting.
(7) International Activities: Incorporate sector-based approaches into international activities	FY 99-A(7)(a) Global and cross-border environmental risks	Ted MacDonald, OIA (202) 564-6114	4/99: U.S.-China project agreement for sector-based pollution prevention/energy efficiency project signed. 12/99: U.S.-China project initiated 12/99: EPA participation in international conference on industrial performance metrics.
	FY 99-A(7)(b) Virtual Sector Guides	Myles Morse, ORD 202-564-6827	Summer-Fall 99: Interagency consultations on possible role of guides to assimilate and disseminate sector information in context of new EPA Information Office.

FY 2000 Sector Action Plan
January 17, 2000

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	FY 2000-A(7)(a) Tributyltin (TBT) Initiative	Teresa Lozinger, OPR 202-260-5414 Jill Bloom, OPPTS 703-308-8019	10/99-12/99: Meet with TBT workgroup to discuss issues and how to best resolve them; focus on and XL project as an avenue for resolution.
Action B. Build management capacity to conduct sector-based environmental protection	FY 99-B(1) SIC/NAICS Identification	Andy Teplitzky, OPR (202) 260-4088	1/00: Release of the annual report on sector identification progress by various EPA programs and offices.
	FY 99-B(2) Sectors Web site	Kim Green-Goldsborough, OPR (202) 260-4297	Continue to update the Website throughout the year.
	FY 99-B(3) Sector Tools Compendium	Katherine Dawes, OPR (202) 260-8394	12/99: Final report 1/00: Posted on Sectors Web site with search capability.
	FY 99-B(4) Evaluation Sector Activity	Katherine Dawes, OPR (202) 260- 8394 Sandra Panetta, OPR (202) 260-6632	2/99: Evaluation of sector liaisons completed. 3/99: Final report on CSI performance measures completed. 7/99: Comprehensive evaluation of the four years of the Common Sense Initiative completed. 9/00: Report on analysis of sector innovations.
	FY 99-B(5) Staff recognition and rewards	Karen Flagstad, OPR (202) 260-9093	Beginning in FY 99, the Innovation Leadership Award is given annually in the spring.
	FY 99-B(6) Annual Plans	Greg Ondich, OPR 202-260-4822	12/99: Development of GPRA goals for FY 2001-2006
	FY 2000-B(1) Agency-Wide Sector Planning Process	Andy Teplitzky, OPR 202-260-4088	10/99-1/00: Meet with sector workgroup and NACEPT committee members to prepare for Office Directors Meeting. 1/00: Conduct Office Directors Meeting. 2/00: Office Directors Meet with RAC. 2/00: Office Directors Meet with NACEPT. 4/00: First draft of 2001 Sector Action Plan.

FY 2000 Sector Action Plan
January 17, 2000

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	FY 2000-B(2) Performance Measures for Sector Activity	Katherine Dawes, OPR 202-260-8394	11/99: Final strategy for sector performance measures. 9/00: Report on sector performance measures.
Action C: Create a FACA-sponsored committee dedicated to providing advice and consultation to the Agency on sector-based issues	FY 99-C(1) Sector FACA Committee	Kathleen Bailey, OPR (202) 260-3413	12/98 - 2/99: Membership invitations. 4/15/99: First meeting of the Sectors Committee. 7/29/99: Second meeting of the Sectors Committee. 10/13/99: Third meeting of the Sectors Committee.
	FY 99-C(2) Sector Liaison Network	Katherine Dawes, OPR (202) 260-8394	3/26/99: Report complete. 3/31/99: Recommendations to the Innovations Task Force for action. 6/00: Potential identification and testing of using liaisons in 1-2 new sectors.
	FY 99-C(3) Stakeholder Action Plan	Kathleen Bailey, OPR (202) 260-3413	Refer to the Stakeholder Involvement Action Plan for specific Action items and milestones: www.epa.gov/stakeholders/intro.htm .
	FY 2000-C(1) Innovations Task Force Report-Public Participation Analysis	Kathleen Bailey, OPR (202) 260-3413	1/00: Task Force Report completed and submitted to agency management for review. 3/00: "Better Decisions through Consultation and Collaboration" Manual completed.

Abbreviations List

AML - Abandoned Mine Lands (AML)
CAFOs - Concentrated Animal Feeding Operations
CBEP - Community-Based Environmental Protection (CBEP)
CSI - Common Sense Initiative
DfE - Design for the Environment
EMS - Environmental Management Systems
EPA - Environmental Protection Agency
ERI - Environmental Roadmapping Initiative
ERP - Environmental Results Program
FACA - Federal Advisory Committee Act
FQPA - Food Quality Protection Act
GPRA - Government Performance and Results Act
NACEPT - National Advisory Council for Environmental Policy and Technology
NAICS - North American Industry Classification System
NCMS - National Center for Manufacturing Sciences
OAQPS - Office of Air Quality Planning and Standards
OAR - Office of Air and Radiation
OECA - Office of Enforcement and Compliance Assurance
OIA - Office of International Activities
OPPTS - Office of Pollution Prevention and Toxics
OPR - Office of Policy and Reinvention
ORD - Office of Research and Development
OSW - Office of Solid Waste
OW - Office of Water
P2 - Pollution Prevention
P4 - Pollution Prevention in Permitting Program
PADEP - Pennsylvania Department of Environmental Protection (PADEP)
PBT - Persistent Bioaccumulative and Toxic (substance)
POTWs - Publicly Owned Treatment Works
PrintSTEP- Printers' Simplified Total Environmental Partnership
SAB - Science Advisory Board
SGP - Strategic Goals Program
SI - Sustainable Industry
SIC - Standard Industrial Classification
TBT - Tributyltin